

MATERIAL SAFETY DATA SHEET

Marine Epoxy Sticks

Date of Original Preparation: July 20, 2001

Revision Date: December 9, 2004

Section 1 - Product Information

Manufacturer: Bondo Corporation
3700 Atlanta Industrial Parkway NW
Atlanta, GA 30331

Emergency Telephone: For US transportation emergencies call - Chemtrec: 800-424-9300
For Canadian transportation emergencies call - Canutec: 613-996-6666

Information: 404-696-2730 (USA 8:30am – 4:30pm Eastern Time)
Product Use: Filler

Stock Number: 3101

Emergency Overview

Signs of Overexposure: Irritation, sensitization, dermatitis.

Emergency First Aid: Move to fresh air, remove contaminated clothing, wash effected skin with soap and water, do not use solvents or thinners; if product gets into eyes, remove contact lenses, flush with water for 15 minutes.

Handling: When handling, wear solvent resistant gloves and safety eyewear. Close all containers tightly after use. Do not eat, drink or smoke in work areas.

Clean-up: Clean-up as a non-hazardous waste.

Fire Fighting: Use foam, carbon dioxide, dry chemical or water fog or spray.

NFPA Flammability: NA

Bondo Corporation has no oversight with respect to the guidance practices or policies or manufacturing processes of other companies handling or using this material. The information given in this MSDS is only related to the product as shipped in its original condition as described in Section 2, "Hazardous Ingredients" and Section 9 "Physical and Chemical Properties".

Section 2 - Hazardous Ingredients

Hazardous Ingredient	CAS No.	Vapor Press.	ACGIH TLV	OSHA PEL	LD ₅₀ Oral	LD ₅₀ Derm	LC ₅₀ Inhal.	LEL
Bisphenol A Diglycidyl Ether Polymer	25068-38-6	n. ap.	n. av.	n. av.	11400	2340	n. av.	n.ap
2,4,6-tri(dimethylaminomethyl) phenol	90-72-2	n. ap.	5ppm	n. av.	n. av.	n. av.	n. av.	n. ap

LD₅₀ Oral - rat mg/m³, LD₅₀ Dermal - rabbit mg/m³, LC₅₀ Inhalation - rat mg/m³ unless otherwise specified.

Section 3 – Hazards Identification

Primary Routes of Entry: skin contact, ingestion, eyes.

Exposure Effects Acute and Chronic:

Skin contact: Acute: irritation, redness and dermatitis.

Eye contact: Acute: irritation.

Ingestion: Acute: Gastrointestinal irritation.

Chronic: Skin sensitization and dermatitis.

Other Health Effects: None

Section 4 – First Aid Measures

Emergency and First Aid Procedures: In all cases if symptoms persist, seek medical attention.

Skin contact - remove contaminated clothing, wash with soap and water or recognized skin cleaner. Do not use solvents or thinners.

Eye contact - contact lenses must be removed, flush with water for at least 15 minutes, consult a physician immediately.

Ingestion - Induce vomiting. Consult a physician or poison control center immediately. Treat symptomatically

Medical Conditions Prone to Aggravation: None known.

Section 5 – Fire Fighting Measures

Flash Point (SFCC): not applicable

Lower Explosive Limit: not determined

Extinguishing Media: foam, carbon dioxide, dry chemical or water fog or spray. Water jet or stream is unsuitable.

Unusual Fire and Explosion Hazards: Keep containers tightly closed, isolate from heat, electrical equipment, sparks and open flame. Closed containers may explode when exposed to extreme heat. Fire may produce dense black smoke containing hazardous products of combustion. Symptoms may not be immediately apparent. Obtain medical attention.

Special Fire Fighting Procedures: Water should be used to cool containers exposed to fire. Fire fighting personnel should wear self-contained breathing apparatus.

Section 6 – Accidental Release

Steps To Be Taken In Case Material Is Released Or Spilled: Considered to be non-hazardous waste.

Section 7 – Handling and Storage

Precautions To Be Taken In Handling And Storing: Minimize contact between the worker and this material. No smoking. Store containers out of sun and away from heat, sparks, and open flames. Close all containers after each use.

Hygienic Practices: Do not eat, drink or smoke in work areas. Wash hands before eating, smoking, or using the washroom. Launder clothing before reuse.

Other Precautions: Do not take internally. Observe label precautions. The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks as required by regulations.

Section 8 – Exposure Controls

Primary Routes of Entry: Inhalation, skin contact, ingestion, eyes.

Respiratory Protection: None required.

Ventilation: None required

Protective Gloves: Required for prolonged or repeated contact. Use solvent resistant gloves. Barrier creams are not substitutes for full physical protection. Refer to safety equipment supplier for effective glove recommendations.

Eye Protection: Use safety glasses or goggles.

Other Protective Equipment: None

Section 9 – Physical and Chemical Properties

Evaporation Rate: not applicable

Weight per Gallon (Specific Gravity): 15.8 lb/gal (1.9)

Odor and Appearance: mercaptan odor, paste

Freezing point, Coefficient of water/oil distribution ,pH: Not applicable or not available

Section 10 – Stability and Reactivity

Stability: Stable under non-emergency conditions.

Materials to Avoid: None known

Hazardous Polymerization: Will not occur.

Conditions to Avoid: None known

Hazardous Decomposition Products: Carbon monoxide, aldehydes, acids, oxides of sulfur and nitrogen.

Section 11 - Toxicological Information

Carcinogenicity (risk of cancer): None known

Sensitization (effects of repeated exposure): This product may cause skin sensitization to certain individuals.

Teratogenicity (risk of malformation in an unborn fetus): None known

Reproductive Toxicity (risk of sterility): None known

Mutagenicity (risk of heritable genetic effects): None known

Threshold Limit Value: None established for this product. For further information, see Section 2 - Hazardous Ingredients

Section 12 - Ecological Information

General Information: The nature and packaging size of these products minimizes the potential for adverse ecological impact.

Environmental Impact Data (percentage by weight):

Ozone Depleters: none Heavy Metals: none There are extensive ecological data available on the various components of this product. An adequate representation of all these data is beyond the scope of this document. Please contact the information phone number found in Section 1.

Section 13 – Disposal Information

Waste Disposal Method: Dispose of in accordance with federal, state or provincial and local pollution requirements.

Clean-up preferably with a detergent, avoid the use of solvents. This information applies only to the material as manufactured; processing, use or contamination may make this information inappropriate, inaccurate or incomplete. The generator of the waste has the responsibility for proper waste classification, transportation and disposal.

Section 14 – Transportation Information

Not regulated

Section 15 - Regulatory Information

OSHA: These products are considered hazardous under the Federal OSHA Hazard Communication Standard.

WHMIS: D1B;D2B

SARA Title III:

Section 302 Extremely Hazardous Substances: None

Section 311 / 312 Hazard Categories: Immediate health, delayed health, fire hazard.

Section 313 Toxic Chemicals: none. You may be required to submit this MSDS to state and local emergency response agencies (SERC & LEPC) and to your local fire department. Also, you may be affected by other sections of this law, depending on the chemicals and amounts that you inventory at your location. To learn more about your responsibilities, call the EPA Hotline (800) 535-0202.

TSCA status: All ingredients are TSCA registered.

Proposition 65: WARNING: This product contains a chemical known to the State of California to cause cancer.

NFPA704: Health: 1 Flammability: 0 Reactivity: 0

Section 16 - Preparation Information

Prepared by Bondo Corporation Research and Development Department

Phone: 404-696-2730

Do not handle until the manufacturer's safety precautions have been read and understood. Regulations require that all employees be trained on Material Safety Data Sheets for all products with which they come in contact.

While Bondo Corporation believes that the data contained herein are accurate and derived from qualified sources, the data are not to be taken as a warranty or representation for which Bondo Corporation assumes legal responsibility. They are offered solely for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with applicable federal, state, provincial and local laws and regulations.